

Monthly Progress Report

Submitted to: Mr. Frank Battaglia, Project Manager
USEPA Region I
Waste Management Building
90 Canal Street
Boston, MA 02114

Submitted by: Ms. Diane Leber, Project Coordinator
CIBA-GEIGY Corporation
444 Sawmill River Road
Ardsley, NY 10502

Pursuant to: RCRA I-88-1088

Facility Site: Cranston, RI

Period Covered: May 1994 (23 April 1994 – 27 May 1994)*

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F.B.
NAME: Ciba Geigy
I.D. NO.: RID001194323
FILE LOC: K-9
OTHER:

1.0 SUMMARY

This is the forty-seventh monthly progress report. Five significant events occurred this month.

Phase II Investigation. Validation of the Phase II Round 1 release characterization sediment sampling data continued. Sampling of Pawtuxet River surface water (using the ISCO samplers) for Total Suspended Solids (TSS) and Volatile Suspended Solids (VSS) was completed on 5/26/94; routine water column sampling for the river model was completed on 5/26/94. Phase II Round 2 on-site soil/groundwater sampling began and was completed.

Project Management. Modifications of the Revisions to the Phase II Pawtuxet River Proposal were submitted to the USEPA on 5/13/94 (ahead of schedule). On 5/17/94, a meeting was held at the USEPA Region I Headquarters in Boston, MA to discuss issues pertaining to the risk assessment and the development of the MPS; that meeting was attended by personnel from the USEPA, CIBA-GEIGY, PTRL, and Woodward-Clyde Consultants (WCC). On 5/26/94, a meeting was held at HydroQual's office (in Mahwah, NJ) to review the preliminary (unvalidated) Phase II Round 1 sediment sampling results and to discuss the strategy for future sampling activities; the meeting was attended by personnel from CIBA-GEIGY, HydroQual, and WCC.

Stabilization Investigation. Development of the Final Stabilization Design Documents (FSDD) continued; other planning for stabilization continued. The FSDD will be submitted to the USEPA on 6/16/94.

Hydrological Investigation. Stage height measurements of the river continued. Processing river stage data from the automatic recorders (transducers) continued.

Water Level Monitoring. Monthly groundwater level monitoring continued. Processing groundwater level data from the automatic recorders (transducers) continued.

*As agreed, the reporting period will be monthly through the fourth Friday of the month.



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2.0 TASKS AND ACTIVITIES COMPLETED

The sampling and other activities (subtasks) that were completed are reported here.

2.1 Sampling Activities Completed

The following samples were collected:

<u>Sampling Activity</u>	<u>Location(s)</u>	<u>Date(s) Sampled</u>	<u>No. of Samples</u>	<u>Date(s) Sent for Analysis</u>	<u>Analysis</u>
Sequential Automatic Water Sampling (ISCO samplers)	Station 3	4/23/94	1	4/25/94	A
	Station 3	4/24/94	1	4/25/94	A
	Station 3	4/25/94	1	4/27/94	A
	Station 3	4/26/94	1	4/27/94	A
	Station 3	4/27/94	1	4/29/94	A
	Station 3	4/28/94	1	4/29/94	A
	Station 3	4/29/94	1	5/2/94	A
	Station 3	4/30/94	1	5/2/94	A
	Station 3	5/1/94	1	5/2/94	A
	Station 3	5/2/94	1	5/4/94	A
	Station 3	5/3/94	1	5/4/94	A
	Station 3	5/4/94	1	5/6/94	A
	Station 3	5/5/94	1	5/6/94	A
	Station 3	5/6/94	1	5/9/94	A
	Station 3	5/7/94	1	5/9/94	A
	Station 3	5/8/94	1	5/9/94	A
	Station 3	5/9/94	1	5/11/94	A
	Station 3	5/10/94	1	5/11/94	A
	Station 3	5/11/94	1	5/13/94	A
	Station 3	5/12/94	1	5/13/94	A
	Station 3	5/13/94	1	5/16/94	A
	Station 3	5/14/94	1	5/16/94	A
	Station 3	5/15/94	1	5/16/94	A
	Station 3	5/16/94	1	5/18/94	A
	Station 3	5/17/94	1	5/18/94	A
	Station 3	5/18/94	1	5/20/94	A
	Station 3	5/19/94	1	5/20/94	A
	Station 3	5/20/94	1	5/23/94	A
	Station 3	5/21/94	1	5/23/94	A
	Station 3	5/22/94	1	5/23/94	A
	Station 3	5/23/94	1	5/25/94	A
	Station 3	5/24/94	1	5/25/94	A
	Station 3	5/25/94	1	5/27/94	A
	Station 3	5/26/94	1	5/27/94	A
	Station 6	4/23/94	1	4/25/94	A
	Station 6	4/24/94	1	4/25/94	A
	Station 6	4/25/94	1	4/27/94	A
	Station 6	4/26/94	1	4/27/94	A
	Station 6	4/27/94	1	4/29/94	A
	Station 6	4/28/94	1	4/29/94	A
	Station 6	4/29/94	1	5/2/94	A
	Station 6	4/30/94	1	5/2/94	A
	Station 6	5/1/94	1	5/2/94	A
	Station 6	5/2/94	1	5/4/94	A
	Station 6	5/3/94	1	5/4/94	A
	Station 6	5/4/94	1	5/6/94	A
	Station 6	5/5/94	1	5/6/94	A
	Station 6	5/6/94	1	5/9/94	A

<u>Sampling Activity</u>	<u>Location(s)</u>	<u>Date(s) Sampled</u>	<u>No. of Samples</u>	<u>Date(s) Sent for Analysis</u>	<u>Analysis</u>
<i>Sequential Automatic Water Sampling (ISCO samplers) — continued</i>	Station 6	5/7/94	1	5/9/94	A
	Station 6	5/8/94	1	5/9/94	A
	Station 6	5/9/94	1	5/11/94	A
	Station 6	5/10/94	1	5/11/94	A
	Station 6	5/11/94	1	5/13/94	A
	Station 6	5/12/94	1	5/13/94	A
	Station 6	5/13/94	1	5/16/94	A
	Station 6	5/14/94	1	5/16/94	A
	Station 6	5/15/94	1	5/16/94	A
	Station 6	5/16/94	1	5/18/94	A
	Station 6	5/17/94	1	5/18/94	A
	Station 6	5/18/94	1	5/20/94	A
	Station 6	5/19/94	1	5/20/94	A
	Station 6	5/20/94	1	5/23/94	A
	Station 6	5/21/94	1	5/23/94	A
	Station 6	5/22/94	1	5/23/94	A
	Station 6	5/23/94	1	5/25/94	A
	Station 6	5/24/94	1	5/25/94	A
	Station 6	5/25/94	1	5/27/94	A
	Station 6	5/26/94	1	5/27/94	A
<i>Routine Water Column Sampling, Pawtuxet River</i>	Station 1	5/5/94	1	5/5/94	B
	Station 1	5/12/94	1	5/12/94	B
	Station 1	5/19/94	1	5/19/94	B
	Station 1	5/26/94	1	5/26/94	B
	Station 3	5/5/94	1	5/5/94	B
	Station 3	5/12/94	1	5/12/94	B
	Station 3	5/19/94	1	5/19/94	B
	Station 3	5/26/94	1	5/26/94	B
	Station 6	5/5/94	1	5/5/94	B
	Station 6	5/12/94	1	5/12/94	B
	Station 6	5/19/94	1	5/19/94	B
	Station 6	5/26/94	1	5/26/94	B
<i>Groundwater Sampling, Off-Site</i>	MW-27S*II-2	5/2/94	1	5/2/94	C
	MW-28S*II-2	5/2/94	1	5/2/94	C
	MW-35S*II-2	5/2/94	1	5/2/94	C
<i>Groundwater Sampling, Warwick Area</i>	MW-32S*II-2	5/2/94	1	5/2/94	C
	MW-11D*II-2	5/3/94	1	5/3/94	C
	MW-26S*II-2	5/3/94	1	5/3/94	C
<i>Groundwater Sampling, WWT A</i>	MW-25S*II-2	5/4/94	1	5/4/94	C
<i>Subsurface Soil Sampling, AOC-13</i>	B-13AD152*II-2	5/4/94	1	5/4/94	D
	B-13AD153*II-2	5/4/94	1	5/4/94	E
	B-13E162*II-2	5/4/94	1	5/4/94	D
	B-13E163*II-2	5/4/94	1	5/4/94	E
	B-13F362*II-2	5/4/94	1	5/4/94	D
	B-13F363*II-2	5/4/94	1	5/4/94	E
	B-13F452*II-2	5/4/94	1	5/4/94	D
	B-13F453*II-2	5/4/94	1	5/4/94	E
	B-13O162*II-2	5/4/94	1	5/4/94	D
	B-13O163*II-2	5/4/94	1	5/4/94	E
	B-13O262*II-2	5/4/94	1	5/4/94	D
	B-13O263*II-2	5/4/94	1	5/4/94	E
	B-13O362*II-2	5/4/94	1	5/4/94	D
	B-13O363*II-2	5/4/94	1	5/4/94	E
	B-13O452*II-2	5/4/94	1	5/4/94	D
	B-13Y262*II-2	5/4/94	1	5/4/94	D

Sampling Activity	Location(s)	Date(s) Sampled	No. of Samples	Date(s) Sent for Analysis	Analysis
Subsurface Soil Sampling, SWMU-5	B-5G1*II-2	5/5/94	1	5/5/94	G
	B-5G2*II-2	5/5/94	1	5/5/94	H
	B-5H1*II-2	5/5/94	1	5/5/94	G
	B-5H2*II-2	5/5/94	1	5/5/94	H
Subsurface Soil Sampling, SWMU-12	B-12E*II-2	5/5/94	1	5/5/94	I
	B-12F*II-2	5/5/94	1	5/5/94	I
	B-12G*II-2	5/5/94	1	5/5/94	I
Surficial Soil Sampling, AOC-13	SF-A13-C27(S)*II-2	5/4/94	1	5/4/94	F

A = Surface water samples were analyzed for Total Suspended Solids (TSS) and Volatile Suspended Solids (VSS)

B = Water column samples were analyzed for TSS, VSS PCB (mono-deca), VOAs (Method 8260), Semi-VOAs (Method 8270), zinc, & silver

C = Groundwater samples were analyzed for Appendix IX constituents, treatability parameters, and major/minor ions

D = Subsurface soil samples were analyzed for PCBs (EPA Method 8080)

E = Subsurface soil samples were analyzed for engineering-grade PCBs

F = Surficial soil samples were analyzed for arsenic

G = Subsurface soil samples were analyzed for organochlorine pesticides/PCBs (Method 8081)

H = Subsurface soil samples were analyzed for organochlorine pesticides (Method 8081)

I = Subsurface soil samples were analyzed for gamma-Chlordane

2.2 Other Activities Completed

The other activities (subtasks) completed during this reporting period were described in Section 1.0.

3.0 JEOPARDY TASKS (scheduled tasks not completed)

No tasks were in jeopardy as of 27 May 1994.

4.0 OTHER TASKS UNDERWAY (and on schedule)

The tasks that were underway (and on schedule as of 27 May 1994) were described in Section 1.0.

5.0 DATA OBTAINED

Groundwater level data have been obtained but have not yet been peer reviewed. Continuous groundwater level data from the automatic recorders (transducers) were downloaded but have not yet been processed. Phase II sediment sampling analytical data were received but have not yet been validated; these data will be reported to the USEPA after the data have been validated and moved in the project data base from QC2 (validated data) to QC3 (final data).

6.0 PROBLEM AREAS

The resolved, new, potential (i.e., anticipated or possible), and outstanding (i.e., still unresolved) problem areas are reported here.

6.1 Resolved Problem Areas

No problem areas remained to be resolved during the reporting period.

6.2 New Problem Areas

No new problem areas remained unresolved during this reporting period.

6.3 Potential Problem Areas

No potential problem areas were identified during this reporting period.

6.4 Outstanding Problem Areas

No problem areas remained unresolved during this reporting period.

7.0 SCHEDULE OF TASKS (next two months)

The projected schedule is provided here. It covers the tasks to be performed in the next two months (June and July 1994), along with other comments or considerations.

Target Date	Task#	Task	Comments/Considerations
ongoing	—	Stabilization	The FSDD will be submitted to the USEPA on 6/16/94
9/15/95	—	Phase II Investigation	
ongoing	9	Project Management	
ongoing	10	Data Management	
ongoing	11	Project Administration	
ongoing	12	Quality Assurance	
ongoing	13	Health & Safety Assurance	

8.0 CHANGES IN WORK PLAN

No changes were made to the Work Plan during this reporting period.

9.0 OTHER COMMENTS

The plans going forward into June and July include:

- submitting the FSDD to the USEPA,
- moving forward with stabilization,
- moving forward with the Phase II investigation, and
- additional planning for future investigations.